EXHIBIT A

[redacted]

Invention Disclosure
Proprietary

1. Title: Missing Lens Detection Apparatus

2. Inventor(s) Name | Address | Phone #

Denwood Ross 6029 C.R. 209 South, Green Cove Springs, Fl 32043 (904) 284-4327
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3. Docket No:
(From Technology Coordinator)

4. Transmittal Date:

5. Abstract (50 words or less: What problem it solves, how it solves it, advantage.)
Detection of the condition where a lens is not in a package prior to heat sealing is accomplished by using spectral absorption, either in the UV, Visible, or IR region. This approach is inherently lens costly than the vision system approach.

6. Questions: Has this invention been ...

a) Tried experimentally or to be tried? Yes When? [redacted]
b) Put into routine use or to be put into use? Maybe When?
c) Described in a publication or to be published? No When?
d) Offered for sale (even if not accepted) or to be offered? No When?
e) Divulged to anyone outside J&J or to be divulged? No
To whom? Affiliation:
When? How?
In confidence?

7. What is the closest related art of which you are already aware?

8. Where is the location of first description of your invention (e.g., laboratory notebook)? Lab Notebook #1260, p. 57

9. When was this invention conceived (earliest documented point at which you had an idea of what you wanted to accomplish and a way of accomplishing it)?

10. Inventor's signature Date Home address

[redacted]

[redacted]

Docket N .#[redacted]

PATENT COUNSEL

Description of Invention:

Detection of a lens in a package is currently accomplished by back illuminating the package with diffuse light and observing with a camera-based vision system. This approach works well bu t is expensive and software intensive. This invention involves using spectral absorption of the lens to determine presence or absence. Specifically, the package is illuminated from top or bottom with a black body type source and the light transmitted through or reflected from the package and lens is filtered for the wavelength of interest and measured with a simple detector. The best region is the 2.5-3μm water absorption band which the water in the lens will absorb, as opposed to the non-hydroscopic package. In that case the presence of a lens lowers the signal received by the detector over the 2.5-3μm band. It is also possible to detect preferential absorption in the UV region from both the UV photo initiator, and any UV blocker present, or the visible region from any tint present.

Inventors' signature(s) Date Witness's signature Date

[redacted] [redacted]

Linda B Shortridge

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